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PTO/SB/08a (07-05)

Approved for use through 07/31/2008. OMB 0551-0031

Substitute for Form 144BAMTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

Complete if Known	
Application Number	10/540,145
Filing Date	June 21, 2005
First Named Inventor	MURAI, Masatoshi
Art Unit	1652
Examiner Name	Chowdhury, I.
Attorney Docket Number	44342.023000

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number ⁴ "Kind Code ⁵ (If Known)				

**Examiner
Signature**

/Iqbal Chowdhury/ (10/28/2006)

Date
Considered

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Substitute for form 14498/PTO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2

or

2**Complete If Known**

Application Number	10/540,145
Filing Date	June 21, 2005
First Named Inventor	MURAI, Masatoshi
Art Unit	1652
Examiner Name	Chowdhury, I.

Attorney Docket Number 44342.023000**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T ²
IC	E. BLUM, et. al., Polyadenylation Promotes Degradation of 3'-Structured RNA by the Escherichia coli mRNA Degradosome in Vitro, J. Biol. Chem. Vol. 274, No. 7 4009-4016 (Feb. 12, 1999)		
IC	G. JONES, et. al., Guanosine Pentaphosphate Synthetase from Streptomyces antibioticus Is Also a Polynucleotide Phosphorylase, J. Bacteriology, Vol. 178, No. 14 4281-4288 (July 1996)		
IC	M. SYMMONS, et. al., A Duplicated Fold Is The Structural Basis for Polynucleotide Phosphorylase Catalytic Activity, Processivity, and Regulation, Structure, Vol. 8 1215-1226 (November 2000)		
IC	Y. SUH, et. al., Differential Secretion of Isoforms of Serratia marcescens Extracellular Nuclease, Applied and Envir. Microbiol., Vol. 61, No. 11 4083-4088 (November 1995)		
IC	G. JONES, et. al., Overexpression and Purification of Untagged Polynucleotide Phosphorylases, 32 Protein Expression and Purification 202-209 (2003)		

Examiner Signature	Iqbal Chowdhury/ (10/28/2006)	Date Considered
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of

Complete if Known

Application Number	10/540,145
Filing Date	June 21, 2005
First Named Inventor	MURAI, Masatoshi
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

She

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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)				
IC	JP 5-219978A		8/31/93	Yamasa Shoyukk		

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/Iqbal Chowdhury/ (10/28/2006)

Date
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Substitute for form 1449B/PTO		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/540,145
(Use as many sheets as necessary)		Filing Date	June 21, 2005
		First Named Inventor	MURAI, Masatoshi
		Art Unit	Not yet assigned
		Examiner Name	Not yet assigned
Sheet	1	of	1
		Attorney Docket Number	
		44342.023000	

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
IC		Abstract of WPI for JP 5-219978A	

Examiner Signature	/Iqbal Chowdhury/ (10/28/2006)	Date Considered	
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	Not Yet known 10054014
		Filing Date	Herewith
		First Named Inventor	MURAI, M.
		Art Unit	
		Examiner Name	
		Attorney Docket Number	44342.022300

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ³ -Kind Code ⁴ (if known)			
IC	JP 53-110697 A		03-09-1977	Mitsubishi Che	
IC	EP 1 153 931 A1		11-14-2001	Matsuyama, S.	
IC	JP 2001-245666 A6		03-06-2000	Kyowa Hakko	
IC	JP 9-23886 A		07-13-1995	Wako Pure Chem	
IC	EP 1 221 478 A2		07-10-2002	Ookura, T.	
IC	WO 98/36080 A1		08-20-1998	Affholter, J.	

Examiner Signature	/Iqbal Chowdhury/ (10/28/2006)	Date Considered	
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JC17 Rec'd PCT/PTO 21 JUN 2005
APR/SER/0808100-001

Approved for use through 07/31/2006 OMB 0651-0031

Approved for use through 07/31/2008. GMB 083-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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of 3

Complete if Known

~~10/540145~~

Application Number Not Yet Known

Filing Date **Herewith**

First Name

Art Unit

Examiner Name

Attorney

[View Details](#)

DOCUMENTS Name of Patentee or Page

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
IC		WO 99/57153 A1	11-11-1999	Freidman, M.	
IC		EP 0 972 836 A2	01-19-2000	Morishima, N.	
IC		EP 1 306 430 A1	05-02-2003	Ito, T.	

Examiner Signature /Iqbal Chowdhury/ (10/28/2006) **Date Considered**

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PTO/SB/08B (08-03)

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	Not Yet Known 10/540145
		Filing Date	Herewith
		First Named Inventor	MURAI, M.
		Art Unit	
Examiner Name			
Sheet 3	of 3	Attorney Docket Number	44342.022300

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
IC		"Nucleotide Sequence of the pnp Gene of Excherichia coli Encoding Polynucleotide Phosphorylase" J. Biol. Chem., 1987, 262(1), 63-68		
IC		"Cloning and Orientation of the Gene Encoding Polynucleotide Phosphorylase in Exherichia coli" J. Bacteriol., 1983, 154(1), 58-64		
IC		Abstract from the WPI corresponding to JP 53-110697 A		
IC		Abstract from the WPI corresponding to JP 9-23886 A		
IC		Abstract from the WPI corresponding to JP 2001-245666 A6		

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